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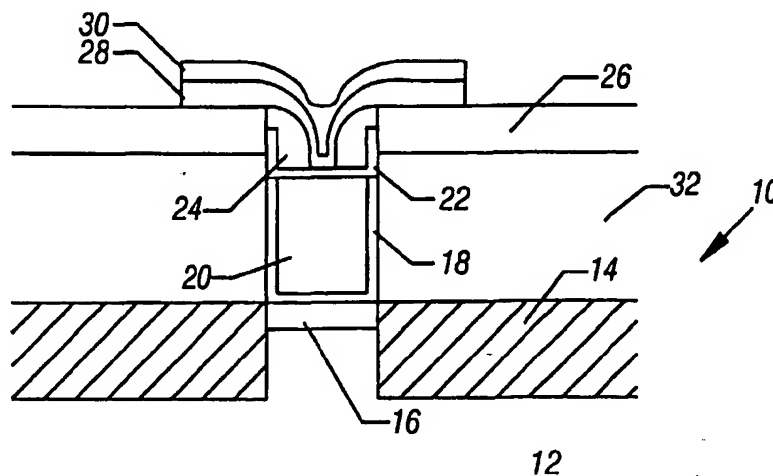
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(54) Title: **ELEVATED PORE PHASE-CHANGE MEMORY**



(57) Abstract: An elevated phase-change memory cell (10) facilitates manufacture of phase-change memories by physically separating the fabrication of the phase-change memory components from the rest of the semiconductor substrate (12). In one embodiment, a contact (16) in the substrate (12) may be electrically coupled to a cup-shaped conductor (18) filled with an insulator (20). The conductor (18) couples current up to the elevated pore while the insulator (20) thermally and electrically isolates the pore.

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